

ES6: NEXT GEN JS

Peoria JS and Web Professionals

July, 2018

NEW STRING METHODS

ES6 has 4 new string methods. These can be used in place of RegEx in many instances.

References:

Random string generator: <https://www.random.org/strings/> (if needed)

endsWith() method - https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/String/endsWith

includes() method - https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Array/includes

repeat() method - https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/String/repeat

startsWith() method - https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/String/startsWith

Note: For most, these are case sensitive methods. If you need to be case insensitive, you will still need to employ RegEx.

Code snippet:

```

12 const str1 = "gAL4cNFIqCVfgpnilzdh";
13 const str2 = "p3urCWTNRancb1jgeYtR";
14
15 console.log('str1 = ' + str1);
16 console.log('str1 starts with G? ' + str1.startsWith('G'));
17 console.log('str1 starts with L? ' + str1.startsWith('L',2));
18 console.log('str1 ends with V? ' + str1.endsWith('V',11));
19 console.log('str1 includes with NFI? ' + str1.includes('NFI'));
20
21 console.log(`${'xyz'*42} `).repeat(10)+ ' Batman');
22

```

Result when viewed in the browser console is shown below.

```

str1 = gAL4cNFIqCVfgpnilzdh
str1 starts with G? false
str1 starts with L? true
str1 ends with V? true
str1 includes with NFI? true
NaN NaN NaN NaN NaN NaN NaN NaN NaN Batman

```

Reference files: [04NewStringMethods.html](#) and [05NewStringMethods.html](#)

Exercise: Now that you have some familiarity with the new string methods, perhaps you can create a function which adds left padding to a set of values?

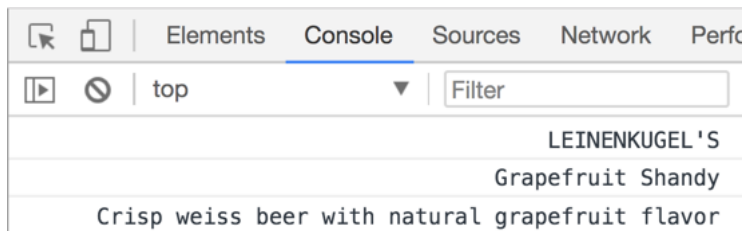
Here is some starting code:

```

12 // source of information https://www.leinie.com/beers/grapefruit-shandy
13 const brewer = "LEINENKUGEL'S";
14 const beer = "Grapefruit Shandy";
15 const description = "Crisp weiss beer with natural grapefruit flavor";
16
17 function padOnLeft(????){
18     return ????.repeat(20-????);
19 }
20
21 console.log(padOnLeft(brewer));
22 console.log(padOnLeft(beer));
23 console.log(padOnLeft(description));

```

Your results should be similar to that shown below:



Reference file: [04NewStringMethodsExercise.html](#)